

JUL 23 2014



MSGP Quarterly Visual Assessment Form

(Complete a separate form for each outfall you assess)

Sample Duration:

12:10 AM - 12:30 AM

Name of Facility: Kane Scrap Iron and Metal, Inc.		Permit No.: MAR05DY90	
Street Address: 184 East Meadow Street		City: Chicopee	State: MA Zip Code: 01013
Outfall Number: DA-001	"Substantially Identical Outfall"? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (identify Substantially Identical Outfalls):		
Quarter/Year: 2nd Quarter - 2014 (4/1 to 6/30)	Substitute Sample?: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (identify quarter/year when sample was originally scheduled to be collected):		
Person(s)/Title(s) collecting sample: Robert E. Kane III - Non-Ferrous Metals Manager		Person(s)/Title(s) examining sample: Robert E. Kane III - Non-Ferrous Metals Manager	
Date & Time Storm or Snowmelt Began: 6/26/2014 @ 12:10 am	Date & Time Sample Collected: 6/26/2014 @ 12:30 am	Date & Time Sample Examined: 6/26/2014 @ 8:00 am	
Nature of Discharge: <input checked="" type="checkbox"/> Rainfall <input type="checkbox"/> Snowmelt <input type="checkbox"/> Not Applicable			
Rainfall Amount: 0.49 inches	Previous Storm Ended > 72 hours Before Start of This Storm? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No* (explain):		
Parameter			
Color:	<input type="checkbox"/> None <input checked="" type="checkbox"/> Other (describe): Beige <input type="checkbox"/> None <input checked="" type="checkbox"/> Musty <input type="checkbox"/> Sewage <input type="checkbox"/> Sulfur <input type="checkbox"/> Sour <input type="checkbox"/> Petroleum/Gas <input type="checkbox"/> Solvents		
Odor:	<input type="checkbox"/> Other (describe):		
Clarity:	<input type="checkbox"/> Clear <input checked="" type="checkbox"/> Slightly Cloudy <input type="checkbox"/> Cloudy <input type="checkbox"/> Opaque <input type="checkbox"/> Other (describe):		
Floating Solids:	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (describe):		
Settled Solids**:	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (describe): Fine Particulate		
Suspended Solids:	<input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (describe): Fine Particulate		
Oil Sheen:	<input checked="" type="checkbox"/> None <input type="checkbox"/> Flecks <input type="checkbox"/> Globs <input type="checkbox"/> Sheen <input type="checkbox"/> Slick <input type="checkbox"/> Other (describe):		
Foam (gently shake sample):	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (describe):		
Other Obvious Indicators of Storm Water Pollution:	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (describe):		

*The 72 hour interval can be waived when the previous storm did not yield a measurable discharge or if you are able to document (attach applicable documentation) that less than a 72 hour interval is representative of local storm events during the sampling period.

**Observe for settled solids after allowing the sample to sit for approximately one-half hour.

Sampling not performed due to adverse conditions: ☐ No ☐ Yes (explain):

Sampling not performed due to no measurable storm event occurring that resulted in a discharge during the monitoring quarter:

☐ No ☐ Yes (explain):

Detail any concerns, additional comments, descriptions of pictures taken, and any corrective actions taken below (attach additional sheets as necessary):

Certification by Facility Responsible Official (Refer to MSGP Subpart 11 Appendix B for Signatory Requirements).

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

A. Name: Robert E. Kane III

B. Title: Non-Ferrous Metals Manager

C. Signature:

D. Date Signed: 6/26/2014

Weather History for KMACHIC09

[< Previous](#)

Daily Mode



June



26

2014

[View](#)

[Next >](#)

Summary

June 26, 2014

	High	Low	Average	High	Low	Average
Temperature	85.4 °F	68.9 °F	75.9 °F	7 mph	--	1.2 mph
Dew Point	73.1 °F	64.5 °F	68.9 °F	12 mph	--	--
Humidity	98%	55%	81%	--	--	NE
Precipitation	0.49 in	--	--	29.97 in	29.77 in	--

Aqua Dam Products

Most Effective Method For Water Control

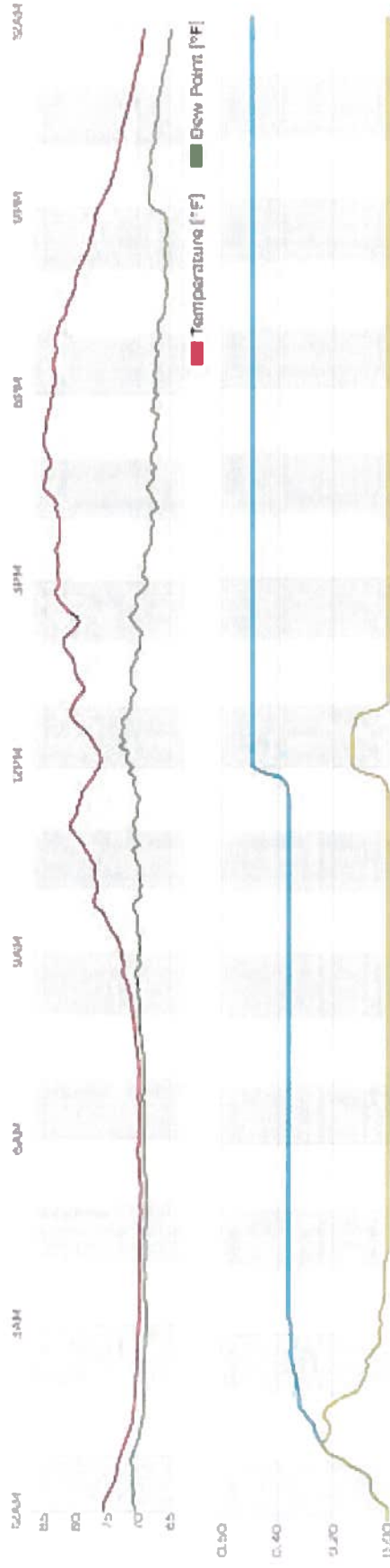
Call Now!

[Graphs](#)

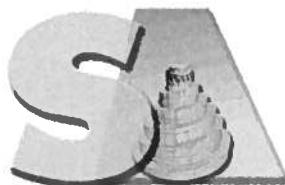
[Table](#)

Weather History Graph

June 26, 2014



Report Date:
14-Jul-14 13:33



SPECTRUM ANALYTICAL, INC.
Featuring
HANIBAL TECHNOLOGY
Laboratory Report

- ☒ Final Report
☐ Re-Issued Report
☐ Revised Report

Environmental Compliance Services
588 Silver Street
Agawam, MA 01001
Attn: Todd Donze

Project: Kane Scrap Iron + Metal Inc - Chicopee, MA
Project #: 01-215977.13.00

<u>Laboratory ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
SB91953-01	DA-001	Storm Water	26-Jun-14 12:30	26-Jun-14 14:55
SB91953-02	DA-002	Storm Water	26-Jun-14 12:30	26-Jun-14 14:55

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87600/E87936
Maine # MA138
New Hampshire # 2538
New Jersey # MA011/MA012
New York # 11393/11840
Pennsylvania # 68-04426/68-02924
Rhode Island # 98
USDA # S-51435



Authorized by:

Nicole Leja
Laboratory Director

Spectrum Analytical holds certification in the State of Massachusetts for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of Massachusetts does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.

Please note that this report contains 7 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our "Quality" web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey, Pennsylvania and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (NY-11840, NJ-MA012, PA-68-04426 and FL-E87936).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

CASE NARRATIVE:

Data has been reported to the RDL. This report excludes estimated concentrations detected below the RDL and above the MDL (J-Flag).

The samples were received 1.0 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

EPA 200.7

Samples:

SB91953-01 *DA-001*

MRL raised to correlate to batch QC reporting limits.

Iron

SB91953-02 *DA-002*

MRL raised to correlate to batch QC reporting limits.

Iron

Sample Identification

DA-001

SB91953-01

Client Project #

01-215977.13.00

Matrix

Storm Water

Collection Date/Time

26-Jun-14 12:30

Received

26-Jun-14

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Total Metals by EPA 200/6000 Series Methods													
	Preservation	Field Preserved		N/A			1	EPA 200/6000 methods			BEL	1414951	
Total Metals by EPA 200 Series Methods													
7429-90-5	Aluminum	1.38		mg/l	0.0500	0.0171	1	EPA 200.7	01-Jul-14	11-Jul-14	TBC	1415196	X
7440-50-8	Copper	0.194		mg/l	0.0100	0.0036	1	"	"	"	"	"	X
7439-89-6	Iron	3.79	R06	mg/l	0.0320	0.0180	1	"	11-Jul-14	14-Jul-14	"	1416115	X
7440-66-6	Zinc	0.401		mg/l	0.0100	0.0066	1	"	01-Jul-14	11-Jul-14	"	1415196	X
General Chemistry Parameters													
	Hardness	44.8		mg/l CaCO3	0.582	0.148	1	SM 2340B	01-Jul-14	11-Jul-14	TBC	1415196	X
	Chemical Oxygen Demand	98.8		mg/l	5.00	1.67	1	HACH8000	01-Jul-14	01-Jul-14	TD/CA	1415204	X

Sample Identification

DA-002

SB91953-02

Client Project #

01-215977.13.00

Matrix

Storm Water

Collection Date/Time

26-Jun-14 12:30

Received

26-Jun-14

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Total Metals by EPA 200/6000 Series Methods													
	Preservation	Field Preserved		N/A			1	EPA 200/6000 methods			BEL	1414951	
Total Metals by EPA 200 Series Methods													
7429-90-5	Aluminum	0.486		mg/l	0.0500	0.0171	1	EPA 200.7	01-Jul-14	11-Jul-14	TBC	1415196	X
7440-50-8	Copper	0.122		mg/l	0.0100	0.0036	1	"	"	"	"	"	X
7439-89-6	Iron	1.30	R06	mg/l	0.0320	0.0180	1	"	11-Jul-14	14-Jul-14	"	1416115	X
7440-66-6	Zinc	0.181		mg/l	0.0100	0.0066	1	"	01-Jul-14	11-Jul-14	"	1415196	X
General Chemistry Parameters													
	Hardness	33.5		mg/l CaCO3	0.582	0.148	1	SM 2340B	01-Jul-14	11-Jul-14	TBC	1415196	X
	Chemical Oxygen Demand	107		mg/l	5.00	1.67	1	HACH8000	01-Jul-14	01-Jul-14	TD/CA	1415204	X

This laboratory report is not valid without an authorized signature on the cover page.

Total Metals by EPA 200 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1415196 - EPA 200 Series										
<u>Blank (1415196-BLK1)</u>										<u>Prepared: 01-Jul-14 Analyzed: 11-Jul-14</u>
Zinc	< 0.0100		mg/l	0.0100						
Copper	< 0.0100		mg/l	0.0100						
Aluminum	< 0.0500		mg/l	0.0500						
<u>LCS (1415196-BS1)</u>										<u>Prepared: 01-Jul-14 Analyzed: 11-Jul-14</u>
Zinc	2.55		mg/l	0.0100	2.50		102	85-115		
Copper	2.64		mg/l	0.0100	2.50		106	85-115		
Aluminum	2.54		mg/l	0.0500	2.50		102	85-115		
Batch 1416115 - EPA 200 Series										
<u>Blank (1416115-BLK1)</u>										<u>Prepared: 11-Jul-14 Analyzed: 14-Jul-14</u>
Iron	< 0.0320		mg/l	0.0320						
<u>LCS (1416115-BS1)</u>										<u>Prepared: 11-Jul-14 Analyzed: 14-Jul-14</u>
Iron	2.60		mg/l	0.0320	2.50		104	85-115		

General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1415196 - EPA 200 Series										
<u>Blank (1415196-BLK1)</u>								<u>Prepared: 01-Jul-14 Analyzed: 11-Jul-14</u>		
Hardness	< 0.582		mg/l CaCO3	0.582						
<u>LCS (1415196-BS1)</u>								<u>Prepared: 01-Jul-14 Analyzed: 11-Jul-14</u>		
Hardness	42.0		mg/l CaCO3	0.582	41.6		101	85-115		
Batch 1415204 - General Preparation										
<u>Blank (1415204-BLK1)</u>								<u>Prepared & Analyzed: 01-Jul-14</u>		
Chemical Oxygen Demand	< 5.00		mg/l	5.00						
<u>LCS (1415204-BS1)</u>								<u>Prepared & Analyzed: 01-Jul-14</u>		
Chemical Oxygen Demand	45.4		mg/l	5.00	50.0		91	90-110		
<u>Calibration Blank (1415204-CCB1)</u>								<u>Prepared & Analyzed: 01-Jul-14</u>		
Chemical Oxygen Demand	-0.766		mg/l							
<u>Calibration Blank (1415204-CCB2)</u>								<u>Prepared & Analyzed: 01-Jul-14</u>		
Chemical Oxygen Demand	-1.26		mg/l							
<u>Calibration Blank (1415204-CCB3)</u>								<u>Prepared & Analyzed: 01-Jul-14</u>		
Chemical Oxygen Demand	-1.06		mg/l							
<u>Calibration Check (1415204-CCV1)</u>								<u>Prepared & Analyzed: 01-Jul-14</u>		
Chemical Oxygen Demand	49.9		mg/l	5.00	50.0		100	90-110		
<u>Calibration Check (1415204-CCV2)</u>								<u>Prepared & Analyzed: 01-Jul-14</u>		
Chemical Oxygen Demand	48.0		mg/l	5.00	50.0		96	90-110		
<u>Calibration Check (1415204-CCV3)</u>								<u>Prepared & Analyzed: 01-Jul-14</u>		
Chemical Oxygen Demand	53.5		mg/l	5.00	50.0		107	90-110		
<u>Reference (1415204-SRM1)</u>								<u>Prepared & Analyzed: 01-Jul-14</u>		
Chemical Oxygen Demand	44.5		mg/l	5.00	51.8		86	79-117		

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WHERE BUSINESS AND THE ENVIRONMENT CONVERGE

588 Silver Street, Agawam, MA 01001 tel 413.789.3530 fax 413.789.2776 www.ecsconsult.com

Environmental Protection Agency
Office of Water, Water Permits Division
Code 4203M, ATTN: MSGP Reports
Pennsylvania Avenue, NW
Washington, D.C. 20460

July 15, 2014
Project No. 01-215977.13.00
Document No.

RE: NPDES Multi-Sector General Permit
Quarterly Benchmark Monitoring Results
Quarterly Visual Examination Form
Quarter: April 1, 2014 – June 30, 2014
MSGP Tracking Number: MAR05DY90

Dear Sir/Madam:

On behalf of Kane Scrap Iron and Metal, Inc. (Kane) and in accordance with the requirements of the 2008 Multi-Sector General Permit regarding Storm Water Discharge Associated with Industrial Activity (MSGP) under the National Pollutant Discharge Elimination System (NPDES), Environmental Compliance Services, Inc. (ECS) is providing the attached Quarterly Visual Examination Form(s) and Quarterly Benchmark Monitoring Results for samples collected at the facility located at 184 East Meadow Street in Chicopee, Massachusetts, during the April 1, 2014 – June 30, 2014 monitoring period.

If you have any questions and/or concerns regarding any of this information, please do not hesitate to contact ECS at (413) 789-3530.

Sincerely,
ENVIRONMENTAL COMPLIANCE SERVICES, INC.

Todd Donze
Environmental Scientist